

monomer droplets comprising at least 20% of [a] said carboxylic acid containing monomer A.

*Bl
cont*

2. (Amended.) The process according to claim 1, wherein [the] said carboxylic acid containing monomer A is selected from the group consisting of acrylic acid [monomers], monoalkyl itaconates, monoalkyl maleates, citraconic acid and styrenecarboxylic acid monomers.

Done 10/29/01

11-13

Add new claims 6-18 as follows:

rule 10/26

11. The process according to claim 1, wherein said water-soluble inorganic salt is aluminum nitrate, aluminum sulfate, ammonium chloride, ammonium nitrate, ammonium sulfate, barium nitrate, borax, calcium chloride, calcium nitrate, calcium sulfate, diammonium sulfate, disodium phosphate, magnesium chloride, magnesium nitrate, magnesium sulfate, potassium chloride, sodium acetate, sodium carbonate, sodium chloride, sodium metaborate, sodium nitrate, sodium sulfate, trisodium phosphate, zinc chloride, zinc nitrate, or zinc sulfate.

Subj 10/27

12. The process according to claim 6, wherein said water-soluble inorganic salt is sodium chloride or potassium chloride.

13. C

13. The process according to claim 1, wherein said monomer B is methyl methacrylate, ethyl methacrylate, butyl methacrylate, ethyl acrylate, butyl acrylate, hexyl acrylate, n-octyl acrylate, lauryl methacrylate, 2-ethylhexyl methacrylate, nonyl acrylate, benzyl methacrylate, 2-hydroxyethyl acrylate, 2-hydroxyethyl methacrylate, 2-hydroxypropyl methacrylate, acrylonitrile, methacrylonitrile, acrylamide, methacrylamide, vinyl, vinyl acetate, vinyl propionate, vinylidene chloride, vinyl chloride, styrene, t-butyl styrene, ethyl vinyl benzene, vinyl toluene, allyl methacrylate, allyl acrylate, butenyl acrylate, undecenyl acrylate, undecenyl methacrylate, vinyl acrylate, vinyl methacrylate, butadiene, isoprene, ethylene glycol diacrylate, ethylene glycol dimethacrylate, triethylene glycol dimethacrylate, 1,4-butanediol dimethacrylate, 1,3-butanediol

dimethacrylate, divinyl benzene, trimethylol propane trimethacrylate, pentaerythritol tetramethacrylate or mixtures thereof.

~~14.~~ The process according to claim 1, wherein said monomer B is styrene, vinyl toluene, methyl methacrylate, ethylene glycol dimethacrylate, ethylene glycol diacrylate, divinylbenzene or ethyl methacrylate.

Sub C ~~15.~~ The process according to claim 1, wherein said water-insoluble particulate stabilizer is selected from insoluble metal salts, insoluble metal oxides, oxide, clays, starches, sulfonated cross-linked organic homopolymers, and resinous polymers.

Sub C ~~9.~~ ~~16.~~ The process according to claim 1, wherein said water-insoluble *stabilizer* particulate is silica or co-poly(styrene-2-hydroxyethyl-methacrylate-methacrylic acid-ethyleneglycol dimethacrylate).

Sub C ~~10.~~ ~~12.~~ The process according to claim 1, wherein said aqueous phase further comprises at least one promoter.

Sub C ~~18.~~ ~~13.~~ The process according to claim ~~12.~~ ~~11.~~, wherein said promoter is polydiethanolamine.

Sub C ~~12.~~ ~~14.~~ The process according to claim 1, wherein said monomer A is acrylic acid, methacrylic acid, ethacrylic acid, itaconic acid, maleic acid, fumaric acid, monomethyl itaconate, monoethyl itaconate, monobutyl itaconate, monomethyl maleate, monoethyl maleate, monobutyl maleate, or citraconic acid.

Sub C ~~13.~~ ~~20.~~ The process according to claim 1, wherein said aqueous phase further comprises at least one polymerization inhibitor.

Sub C ~~16.~~ The process according to claim ~~15.~~ ~~20.~~, wherein said polymerization inhibitor is potassium dichromate or cupric sulfate pentahydrate.

22
17. The process according to claim 1, wherein
said water-soluble inorganic salt is aluminum nitrate, aluminum sulfate, ammonium chloride, ammonium nitrate, ammonium sulfate, barium nitrate, borax, calcium chloride, calcium nitrate, calcium sulfate, diammonium sulfate, disodium phosphate, magnesium chloride, magnesium nitrate, magnesium sulfate, potassium chloride, sodium acetate, sodium carbonate, sodium chloride, sodium metaborate, sodium nitrate, sodium sulfate, trisodium phosphate, zinc chloride, zinc nitrate, or zinc sulfate;

23
said monomer A is acrylic acid, methacrylic acid, ethacrylic acid, itaconic acid, maleic acid, fumaric acid, monomethyl itaconate, monoethyl itaconate, monobutyl itaconate, monomethyl maleate, monoethyl maleate, monobutyl maleate, or citraconic acid;

24
said monomer B is methyl methacrylate, ethyl methacrylate, butyl methacrylate, ethyl acrylate, butyl acrylate, hexyl acrylate, n-octyl acrylate, lauryl methacrylate, 2-ethylhexyl methacrylate, nonyl acrylate, benzyl methacrylate, 2-hydroxyethyl acrylate, 2-hydroxyethyl methacrylate, 2-hydroxypropyl methacrylate, acrylonitrile, methacrylonitrile, acrylamide, methacrylamide, vinyl, vinyl acetate, vinyl propionate, vinylidene chloride, vinyl chloride, styrene, t-butyl styrene, ethyl vinyl benzene, vinyl toluene, allyl methacrylate, allyl acrylate, butenyl acrylate, undecenyl acrylate, undecenyl methacrylate, vinyl acrylate, vinyl methacrylate, butadiene, isoprene, ethylene glycol diacrylate, ethylene glycol dimethacrylate, triethylene glycol dimethacrylate, 1,4-butanediol dimethacrylate, 1,3-butanediol dimethacrylate, divinyl benzene, trimethylol propane trimethacrylate, pentaerythritol tetramethacrylate or mixtures thereof; and

25
said water-insoluble particulate stabilizer is selected from insoluble metal salts, insoluble metal oxides, oxide, clays, starches, sulfonated cross-linked organic homopolymers, and resinous polymers.

15, 25
18. The process according to claim 1, wherein
said water-soluble inorganic salt is sodium chloride or potassium chloride;
said monomer A is acrylic acid, methacrylic acid, ethacrylic acid, itaconic acid, maleic acid, fumaric acid, monomethyl itaconate, monoethyl itaconate,